

For more information contact: [sales@lglass.net](mailto:sales@lglass.net) or call 1-866-778-LGN1(5461)

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## Products/Services > Design and Construction

**Lit Bandwidth**  
**FastGLASS**  
**EtherGLASS**  
**WaveGLASS**

**Dark Fiber**

**Collocation**

**Design and Construction**

### Design and Construction

The Looking Glass SolutionsGLASS<sup>SM</sup> team has designed and built fiber optic network infrastructure in cities and states across the country, in urban, suburban and rural settings including complete outside plant facilities, development of network nodes and hundreds of network point-of-presence buildings. Looking Glass' SolutionsGLASS leads the way in metropolitan fiber optic facility design and construction. With our highly specialized and dedicated professionals experienced in engineering, project management and construction on your team, your project is in the capable hands of industry leaders.

#### Product Features

- Network architecture and systems integration
- Complete network design and space planning
- Equipment analysis and selection
- Construction, installation and environmental permitting
- Site surveys and route acquisition
- Contractor selection and construction management
- Infrastructure engineering and installation
- Complete power system design
- Emergency backup systems
- Turn up and testing
- Project documentation

#### Product Benefits

- Turnkey Solution
- Relationship Management
- Cost Containment
- On-time Delivery

#### Product Brochure



[BuildAndDesignBrochure.pdf](#)

### Design and Construction



Turnkey solutions to fiber optic facility design and construction needs.



[Company Brochure](#)

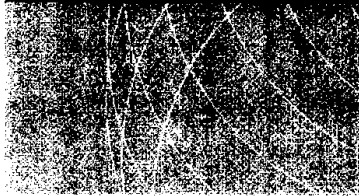
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## Build With The Experts

Looking Glass Networks is a leading provider of network design and construction services. Our team of experts has the experience and knowledge to help you build a network that meets your needs and budget. We provide a full range of services, from initial design and planning to construction and ongoing maintenance. Our experts can help you with everything from network architecture and design to equipment selection and installation. We can also help you with network testing and optimization, and we can provide ongoing support and maintenance services. Our team is dedicated to providing the highest quality service to our clients, and we are committed to helping you build a network that is reliable, secure, and scalable.

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## Why Looking Glass Design and Construction?



**Turnkey Solution** Our SolutionsGLASS team has the experience and ability to take your project and ideas from concept to reality. Our experts design network architecture, manage facility engineering, conduct site surveys, secure equipment and material requirements, and install all necessary infrastructure. We also coordinate the design and construction of transmission systems and multiplexing and switching equipment. You can feel confident leaving every detail to us including civil improvement of equipment locations such as AC/DC power, heating, cooling,

emergency backup systems and network management systems to monitor network performance and operations. In addition, we provide project management for construction schedules, resource allocation and staffing requirements.

Our engineers and project managers have vast experience and proven track records in assessing customer needs. Working with your team, we define the network applications and determine the optimum choice of infrastructure and electronics necessary to meet your specifications. Following the completion of a design that meets with your approval, our team will:

- Assemble staffing resources
- Obtain necessary right-of-way and permit authorizations
- Schedule all implementation activities

Our comprehensive project management approach results in a customized design solution that is guaranteed to meet your requirements on-time and according to budget while providing you with a cost-effective, scalable network facility.



**Relationship Management** With the SolutionsGLASS team utilizing its many industry contacts, we ensure that your project progresses efficiently and cost effectively. We partner with your company to manage and support relationships with staff, vendors, contractors and right-of-way providers.

**Cost Containment** We understand the importance of controlling costs and working within your project budget. Our cost-conscious finance experts help you obtain the outcome that you want for a price that you can afford.

**On-time Delivery** With a proven record of meeting project milestones and deadlines, we ensure your company's profitability. Our recipe for successful on-time delivery includes time-honored project management techniques that require a thorough understanding of all tasks; a detailed analysis of project activity sequencing; and a commitment to developing accurate schedules and adhering to the timeline throughout the project implementation.



### The Looking Glass Advantage

⊗ Focused

⊗ Flexible

⊗ Fast

### Where You Need To Be

With extensive prior experience designing and constructing network facilities both domestically and internationally, our team can respond to your building needs nearly anywhere in the world.

### Building Leadership

You can count on our solid experience. Looking Glass Networks, the leading provider of lit bandwidth, dark fiber and collocation metro services, is also a trusted provider of fiber optic infrastructure engineering and construction services.

*"Looking Glass expeditiously provided critical applications necessary for CENIC to achieve its goal of deploying an unparalleled communications infrastructure."*

*Tom West, CEO, CENIC*



### Contact Us

To learn more about how Looking Glass can help you achieve your design and construction objectives, contact us toll-free at 1-866-778-LGN1(5641) or visit [www.lglass.net](http://www.lglass.net)

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[www.lglass.net](http://www.lglass.net)

### FastGLASS - SONET/SDH Services

FastGLASS (Interconnection) services are available for DS-3, DS-3C, STM-1, OC-12STM-4, OC-48STM-16, and OC-192STM-64 circuits at speeds ranging from 1.544 Mbps to 10 Gbps. Point-to-point service configurations are available for all circuit types, with full service circuit configurations available for DS-3 and OC-48 STM circuit types.

Full protection is available through Automatic Protection Switching (APS) that provides built-in recovery in under 50 milliseconds to ensure quality of service (QoS) for time-sensitive and mission-critical applications. For less mission-critical applications, limited circuit protection options are available. In all cases, our self-healing ring architecture and non-blocking dedicated circuits provide built-in network survivability.

### EtherGLASS - Ethernet Services

EtherGLASS 10 Mbps Ethernet services are available on a 10Base-T (twisted pair) interface while 100 Mbps Ethernet services are available on a 100Base-TX interface. Gigabit Ethernet services are available on either 1000Base-SX (multimode fiber) or 1000Base-LX (single mode fiber) interfaces. A variety of service options are available, including full protection, full protection, or no protection, at speeds up to 10 Gbps. You also have the option of purchasing single or multiple wavelengths.

### WaveGLASS - Wavelength Services

WaveGLASS services allow transmission of SONET, Gigabit Ethernet, and a variety of non-traditional services (ESON, PSON, Fiber Channel) over the same fiber pair. Speeds range up to 10 Gbps. You also have the option of purchasing single or multiple wavelengths.

WaveGLASS circuits are available in point-to-point configurations with three protection options:

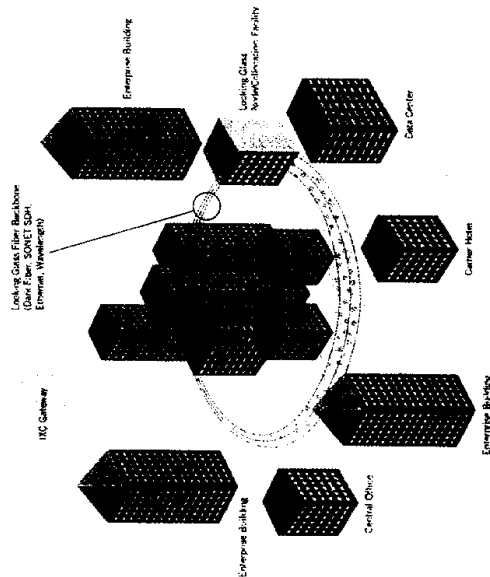
- No protection: Both line-side (Looking Glass) and client-side of the circuit are unprotected.
- Line-side protection: The line-side of the circuit is protected; the client-side is unprotected.
- Full protection: Both the line-side and client-side of the circuit are protected.

### An Optical Platform with Limitless Possibilities

Our flexible, application-neutral optical platform allows us to serve you and scale with your needs regardless of your service preference.

### Networks Like No Others

To ensure that you have reliable, scalable connectivity, each Looking Glass network ring uses a star topology where every building on the network is physically connected to a central node site via dense paths.



Our networks support two subscriber circuit configurations: point-to-point and hub service. Point-to-point circuit configuration, available for all Looking Glass services, enables you to connect two locations with reliable, dedicated bandwidth.

Hub-and-spoke circuit configuration, available for DS-3 and OC-48 STM interface types, is a unique derivative of a standard point-to-point hub circuit. You can connect several remote locations to a hub site in a point-to-point configuration, at multiple interface rates. Our multi-site service acts as the end-link aggregation point, providing connectivity between the hub and the various end-link circuits.

**ColiGLASS® Facilities**

ColiGLASS® collection services enable you to focus on your core business, leaving the construction and maintenance of the infrastructure to us. Our camera-manual facilities provide an abundance of power, security and system redundancy. You gain easy access to our high capacity optical networks and leading-edge telecommunications transport services plus proximity to fiber from multiple carriers.

Space: At node or primary collection facilities meet or exceed local building codes and comply with seismic requirements. We provide HEBL-level compliant solid built, localized cabinets that are anchored to the floor and frame-grounded. The 85" (H) x 28" (W) x 32" (D) cabinets have 15" to 22" adjustable rails and feature a unique all-metal enclosure and uni-body IPM construction with front and back combination locks. Each cabinet is in a card-key secured room with ventilation, air conditioning and fire suppression systems.

Security: All collection sites and customer work areas are card-key secured 24x7.

Privacy and ease: Our Network Operations Control Center (NOCC) manages collection access and monitors the facility 24x7.

We also offer tagged space with installation and racks for cabinets provided according to your needs. Several power options for tagged space are also available.

Power: Performance A/D/C power is available for purchase in 10 amp increments. Protected AC power configurations are also available. To assist you in the initial set-up of your collection space, we offer Performance AC power.

HAAC: Optimum environmental controls are provided in each facility. The guarantee over a 24-hour period at 100 percent load, an average temperature of 70 degrees Fahrenheit and an average relative humidity of 55 percent.

Clear Connects: We perform all cross connects for you in a common, controlled and secure area.

Remote Assistance Option: An optional service, remote assistance allows you to avoid dispatching your personnel for certain on-site activities. With this option, an on-site Looking Glass technician performs basic maintenance activities and special configuration or maintenance operations upon your request.

**Why ColiGLASS?**

- Camera-manual facilities
- Convenient access to our super network and services
- Instantly available high-capacity infrastructure that's focused - facilities-based metro network with abundant local connections
- Flexible - Scalable in services
- Fast - Rapidly delivered high-speed data transport services

**Network Availability**

Up to 99.999 percent measured annually

Looking Glass Networks, Inc.  
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Oak Brook, Illinois 60521  
1-866-778-1541 (5451) sales@glass.net, or visit [www.glass.net](http://www.glass.net)  
www.glass.net  
sales@glass.net  
1-866-778-1541 (5451)

**Contact Us**

To learn more about how Looking Glass® in-burndown and collection services can bring the benefits of speed, connectivity and flexibility to your company, contact us toll-free at 1-866-778-1541 (5451), [sales@glass.net](mailto:sales@glass.net), or visit [www.glass.net](http://www.glass.net).

Knowledgeable Looking Glass customer care specialists, 24x7.

- Whenever you have questions and concerns, you get help directly from an experienced and knowledgeable Looking Glass customer care specialist, 24x7.
- Through fulfillment
- Our operations support systems ensure capacity and configuration availability, support rapid service delivery intervals, and provide Web-based access to everything from service ordering
- Our network nodes have the space and power to support physical collection
- We can build to the specifics of your choice to meet your specific connectivity needs.
- Our networks offer physical diversity from other fiber providers.
- To the services you require.
- Our redundant optical networks connect major data aggregation locations, ensuring access to the services you require.
- We deliver the broadest possible range of SONET/SDH, Ethernet and Wavelength services in the future.

Every aspect of Looking Glass' operation is designed to provide the highest value to you, now and in the future.

**How Do You Benefit?**

**Solutions in The Fast Lane**

We are providing breakthrough, fast-track solutions for domestic and international customers in the top U.S. metropolitan areas, with connections to key data aggregation facilities and enterprise buildings in Atlanta, Baltimore, Chicago, Dallas, Houston, Los Angeles, New York/New Jersey, Philadelphia, San Francisco, San Jose, Seattle and Washington D.C./Northern Virginia.

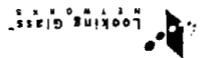
**How Do You Benefit?**

Our tail-making networks mean fewer service disruptions and greater network reliability - with annual transmission availability of up to 99.999 percent. With an all-optical network based on next-generation SONET/SDH, Ethernet and Wavelength technologies, our networks are capable of 50 millisecond recovery from failures such as fiber optic cable cuts. All backbone fiber is diversely routed and path protected. Looking Glass' NOCC monitors and maintains our networks 24x7.



**Why Looking Glass Lite Services?**

- Constant rapid delivery times
- Extensive menu of hybrid services
- Fast connectivity with build-out capability
- Physical diversity from other fiber providers
- Simple migration to higher speeds
- Comprehensive service offering for domestic and international customers





NEW YORK
150 Varick Street (Looking Glass Node)
110 Meadowland Parkway
111 8th Avenue (76 9 <sup>th</sup> )
111 Pavonia (Newport Financial Center)
165 Halsey Street
225 Varick Street
25 Broadway
275 Hartz Way
32 Avenue of the Americas
470 Vanderbilt
60 Hudson Street
600 3rd Avenue
601 West 26th Street
65 Broadway
744 Broad Street
75 Broad Street, (67 Broad)
811 10th Avenue
85 10th
1 Battery Park Plaza
1 New York Plaza
1 Park
1 Penn Plaza
1 Pier Point Plaza
1 Raymond Plaza
1 Whitehall Street
10 Columbus Circle
100 Broadway
100 Park
100 Wall Street
100 West 33rd Street
600 Lexington Ave (101 East 52nd Street)
1065 Avenue of the Americas
11 Penn Plaza
11 West 42nd
110 E. 42nd Street
110 William
1185 Avenue of the Americas



119 West 40th Street
120 West 45th
125 Park Avenue
1250 Broadway
126 East 56th Street
1271 6th Avenue
1290 Avenue of the Americas
130 West 42nd Street
1345 Avenue of the Americas
135 East 57th Street
135 West 50th Street
1350 Avenue of the Americas
1370 Broadway
139 Centre Street
14 Wall Street
140 Broadway
1411 Broadway
1414 Avenue of the Americas
1430 Broadway
1440 Broadway
1450 Broadway
1466 Broadway
150 Broadway
150 East 58th
1500 Broadway
152 West 57th Street
1633 Broadway
165 Broadway (1 Liberty Pl.)
1740 Broadway
1775 Broadway
180 Madison
180 Varick Street
19 West 44th Street
2 Park
2 Penn Plaza
2 Rector Street
20 Broad Street
20 Exchange Place
200 Liberty Pl.





200 Park Avenue
200 Varick Street
220 East 42nd
228 East 45th
233 Broadway
237 Park Ave
25 West 45th Street
26 Broadway
270 Madison Avenue
275 Madison Avenue
29 Broadway
30 Broad Street
300 East 42nd Street
300 Harmon Meadows
32 Old Slip
330 Madison
335 Madison
345 Park Avenue
355 Lexington Avenue
360 Lexington Avenue
370 Lexington Avenue
375 Park Avenue
381 Park Avenue, South
40 East 52nd
40 Fulton Street
40 Wall Street
405 Park Avenue
41 Madison Avenue
417 5th Avenue
420 Lexington Avenue
432 Park Avenue South
44 Wall Street
440 Park Avenue South
450 Lexington
470 Park Avenue South
475 Park Avenue South
48 Wall Street
485 7th Avenue
5 Penn Plaza (461 8th Ave.)



520 8th Avenue
540 Broad
55 East 52nd Street
551 5th Avenue
551 Madison Avenue
555 5th Avenue
575 Madison Avenue
590 Madison Avenue
599 Lexington Avenue
60 Broad Street
60 Madison Avenue
630 3rd Avenue
630 9th Avenue
65 East 55th Street
650 Madison Avenue
660 Madison Avenue
717 5th Avenue
75 9th Avenue
767 5th Avenue
79 Madison Avenue
805 3rd Avenue
810 7th Avenue
825 8th Avenue
885 3rd Avenue
888 7th Avenue
9 West 57th
90 John Street
90 Park Avenue
90 William Street
900 3 <sup>rd</sup> Avenue
909 3rd Avenue
104 Broad Street
1095 Avenue of the Americas
18 Patterson Street
204 2nd Avenue
210 West 18th Street
221 East 37th Street
227 East 30th Street
228 East 56th Street



230 West 36th Street
3414 New York Avenue
435 West 50th Street
50 Varick Street
71 Madison Avenue
773 Summit
95 William Street



PHILADELPHIA
401 North Broad
1631 Arch Street
900 Race Street



BALTIMORE
111 Market Place
1010 Wayne Avenue
323 North Charles



WASHINGTON, D.C.
251 Exchange Place (Looking Glass Node)
1 Discovery Place
1050 Connecticut
1110 Vermont Avenue NW
1120 G Street
1120 Vermont Avenue
12100 Sunrise Valley Drive
1220 L Street NW
1275 K Street NW
13775 McClearen
1500 Eckington
6607 Army Navy Drive (Pentagon)
1755 Old Meadow Road
1828 L St, 5th Floor
2000 M Street NW
21st Street NW & C Street NW (Martin Building)
22080 Pacific Road
2100 M Street NW Ste P105
21715 Filigree Court
30 East Street SW
45580 Terminal Drive
520 Van Buren
6800 Virginia Manor Road
6900 Muirkirk Road
725 13th Street NW
7777 Infantry Ridge Road
7990 Boeing/Science Applications Court
8000 Gainsford Court
8045 Kennett
8100 Boone
8201 Greensboro
8502 Tyco Road
8504 Tyco Road
10467 White Granite Drive
1101 17th Street NW



11513 Sunset Hills
11921 Freedom Drive
1555 Wilson Boulevard
1600 Wilson Boulevard
1620 L Street NW
1667 K Street NW
1709 New York Avenue NW
1951 Kidwell Drive
2000 L Street NW
4301 North Fairfax Drive
600 Army Navy Drive
600 Maryland Avenue SW
601 13th Street
700 13th Street
8180 Greensboro Drive
820 1st Street NE
900 17th Street NW
900 2nd Street
1025 North Irving Street
1130 Elden Street
1701 Chain Bridge Road
2055 L Street NW
20730 Ashburn Road
2702 Sutton Road
30 East Street SW
6700 Lee Highway
730 12th Street NW
8670 Georgia Avenue
900 South Walter Reed Drive



CHICAGO
600 West Chicago Avenue (Looking Glass Node)
10 South Canal Street
101 North Wacker Drive
111 North Canal Street, (River Center)
130 East Randolph Street, (Prudential, 180 N. Stenson)
140 South Dearborn
155 North Michigan Avenue (Doral Building)
180 North Stetson Avenue
20 North Wacker Drive (Civic Opera Building )
350 East Cermak Avenue (Lakeside Tech)
427 South La Salle, (Western Union)
600-700 South Federal
601 W. Polk
710 North Lakeshore
717 South Wells Street
1 South Wacker Drive
11 East Adams
123 North Wacker Drive
200 East Randolph
221 North LaSalle
231 South LaSalle
233 South Wacker (Sears Tower)
350 North Orleans
500 West Madison
540 West Madison
725 South Wells
10 South Canal Street
311 West Washington Boulevard
520 South Federal Street, 6th Floor





ATLANTA
275 Decatur, SE (Looking Glass Node)
180 Peachtree Street, NE
250 Williams Street, NW (Inforum)
345 Courtland Street, NE
51 Peachtree Center NE
55 Marietta Street NW
56 Marietta Street, NW
1175 Peachtree Walk, NE
1190 Allene Ave, SW
1201 Peachtree Street, NE
1230/1280 Peachtree Street
1349 Peachtree Street
1360 Peachtree Street
1439 Peachtree Street
225-235 Peachtree Street
245-285 Peachtree Street
303 Peachtree Street
730 Peachtree Street
65 10th Street, NW



SEATTLE
527 Fairview Avenue, (1119 Mercer) (Looking Glass Node)
1000 Denny Way
1200 3rd Avenue
140 4th Avenue North, (Fisher Plaza
1505 5th Avenue
2001 6th Avenue, (Westin Bldg)
1001 4th Avenue
1191 2nd Avenue
1220 Howell
2200 6th Avenue
2201 6th Avenue
120 Lenora
1200 3rd Avenue
1708 East Pike



DALLAS
3439 Irving Boulevard (Looking Glass Node)
5757 Alpha Road (Looking Glass Node)
11830 Web Chapel
1201 Main Street, (One Main Place
1331-1333 North Stemmons, 2nd Floor Collo
146 Parkhouse Street (155 Continental
1807 Ross, Floor B-1
1950 Stemmons (Infomart)
201 East John Carpenter Freeway
2020 Live Oak Street
2223 North Houston (2223 Victory)
2323 Bryan Street
3000 Irving Boulevard
3180 Irving Boulevard
3966 Parkwood Boulevard
400 South Akard Street, Carrier Center
4100 Bryan Street
4101-09 Bryan Street
4311 Live Oak
4316 Bryan Street
500 South Ervay
9101 LBJ Freeway
1001 E. Campbell
122 West John Carpenter
125 East John Carpenter Freeway
13355 Noel Road
1341 Mockingbird Lane
13455 Noel Road
14001 Dallas Parkway North
1401 Elm Street
1420 Mockingbird Lane
1505-1507 LBJ Freeway
15301-15303 Dallas Parkway North
16001 Dallas Parkway
225 East John Carpenter Freeway
2511 Grauwylar



2711 LBJ Freeway
3000 Telecom Parkway
3010 LBJ Freeway
3510 Windham Lane
4055 Valley View Lane
4144 North Central Expressway
500 North Akard
5050 Quorum Drive
5080 Spectrum
5301 Legacy Drive
545 East John Carpenter Freeway
600 East Las Colinas
901 Main Street
2400 Ross Avenue
308 South Akard Street
4211 Bryan Street
4211 Irving Avenue
760 West Mockingbird Lane

HOUSTON
2202 Nance (Looking Glass Node)
1001 Texas Avenue Binz Building
1124 Hardy
12001 North I45 Parkway
12017 North I45 Parkway
1301 Fannin
1407 Jefferson
1415 Louisiana
1605 Providence
300 W. Richey Rd
777 Walker Street, (Two Shell Plaza
1001 Fannin
333 Clay
601 Jefferson
700 Milam Street
1121 Capitol
1200 Clay

LOS ANGELES
600 Wilshire Boulevard (Looking Glass Node)
1200 West 7th Street
530 West 6th Street, (Telecom Center-LA)
600 West 7th Street, (Carrier Center-LA)
611 West 6th Street
611 Wilshire Boulevard
624 South Grand Avenue, (1 Wilshire Building
626 Wilshire Boulevard
650 South Grand
700 Wilshire Boulevard, (Peck Norman Building
707 Wilshire Boulevard
818 West 7th Street, (818 Building
1000 West Temple
1000 Wilshire Boulevard
1055 West
333 South Hope
633 West
900 N. Alameda
433 South Olive



SAN JOSE
1380 Kifer Road (Looking Glass Node)
529 Bryant
2334 Lundy
11 Great Oaks Boulevard
1100 Space Park
1111 Karlstad
1350 Duane
1400 Kifer Road
1741 Technology Drive
2211 N. 1st Street
3045 Raymond
444 Toyoma
55 South Market
534 Stockton
801 Newhall
250 Stockton
95 S. Almaden
1700 Space Park
305 Hope



SAN FRANCISCO
185 Berry Street (Looking Glass Node)
665 3rd Street
651 Brannan
611 Folsom Street
200 Paul Ave
360 Spear Street
1 Market Street
100 Bush
1455 Market
220 Montgomery Street
225 Bush
235 Montgomery Street
333 Bush Street
345 Spear Street
365 Main Street
900 Main
500 Sansome Street
501 2nd Street
505 Sansome Street
555 California Street
600 Montgomery Street
601 California Street
555 Pine Street
611 Folsom Street




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### Looking Glass Selected by Verizon for Dark Fiber and Lit Bandwidth Services in Three Markets

*Customers Benefit from Unlimited Capacity and Flexibility*

**Oak Brook, Ill. - September 3, 2003 - Looking Glass Networks, Inc.**, a facilities-based provider of metropolitan telecommunications transport services, announced today that Verizon Global Networks Inc., a wholly owned subsidiary of Verizon, selected Looking Glass to provide dark fiber for locations in three large U.S. metropolitan markets: Atlanta, Chicago and Seattle.

We are extremely pleased that Verizon chose to utilize our DarkGLASSSM services in several markets, said Lynn Refer, CEO, Looking Glass Networks.

Looking Glass dark fiber solutions cost effectively support the range of services desired by Verizon, stated Refer. Because we build, own and maintain our networks, we are physically diverse from other fiber providers and can bring the dark fiber and fiber infrastructure Verizon needs. Customers benefit from our scalability and flexibility, and Verizon has achieved a very cost effective solution.

[Company Brochure](#)

With current connectivity to more than 350 buildings, Looking Glass offers lit, dark fiber and collocation services in twelve of the largest U.S. metro markets. Specializing in turnkey solutions to facility engineering and construction needs, both domestically and internationally, Looking Glass physically diverse networks offer an alternative that can meet and exceed customers specific requirements.

#### About Looking Glass Networks

Looking Glass Networks, Inc. provides rapid delivery of SONET/SDH, Wavelength and Ethernet-based lit services, high-capacity dark fiber and carrier-neutral collocation services in addition to custom design and build services for carrier and enterprise customers. A facilities-based company, Looking Glass builds, owns and operates metropolitan fiber optic networks using the most flexible optical and operational support systems available to provide telecommunication transport services in the largest U.S. metro areas. Looking Glass physically diverse networks provide customers with connections to primary carrier hotels, ILEC Central Offices, key enterprise buildings and other major data aggregation facilities. With its unique protocol agnostic platform, Looking Glass delivers focused local network connectivity, flexible service options and fast delivery times to customers with significant bandwidth needs. For more information on Looking Glass Networks, visit [www.lglass.net](http://www.lglass.net).

#### Contact:

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(630) 242-2016  
[kathy.green@lglass.net](mailto:kathy.green@lglass.net)

For more information contact: [communications@lglass.net](mailto:communications@lglass.net)


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### Looking Glass Networks Continues Strong Growth

*Company Continues to Grow, Expanding Its Networks, Connectivity and Services While Maintaining Industry-Leading Delivery Times*

**Oak Brook, IL - October 8, 2003 - Looking Glass Networks, Inc.**, a facilities-based provider of metropolitan telecommunications transport services, reports continued success and growth throughout 2003 with the expansion of its networks, increased connectivity and the addition of E-1 services to the company's already expansive offerings, among other significant accomplishments.

Looking Glass' continued momentum is the result of the company's unique approach to supplying traditional as well as emerging metro transport services that scale with demand. With fiber connectivity to more than 360 buildings and over 500 points of presence reaching more than 100 carriers, Looking Glass has expanded its network footprint and reach to meet customer demand.

[Company Brochure](#)

"This is a very exciting time for us," said Lynn Refer, CEO, Looking Glass Networks. "Our customer base has grown every quarter and we now have over 230 enterprise and carrier customers who are pleased with our flexible network platforms and focus on customer service. The company's recurring revenue increased almost 400% since last year, our metro markets as a whole are now cash EBITDA positive and the entire company expects to be cash EBITDA positive by year end."

#### New Services and Network Expansion

Looking Glass recently added E-1 termination services in all of its markets, including point-to-point and hub/end link to its lit service offerings. E-1 is the European digital transmission format similar to the North American DS-1 but carries at a higher bandwidth speed of 2.048 mbps. This capability allows the company to address this growing demand at an attractive price point which complements its already expansive SONET/SDH, Wavelength and Ethernet lit services.

The company also now offers lit bandwidth services in Brooklyn, New York. This addition extends Looking Glass' footprint and connectivity throughout New York. This expansion follows other recent expansions such as the addition of San Jose in the first quarter of 2003 and the addition of Baltimore/Philadelphia at the end of 2002. Looking Glass plans to continue adding buildings and expanding its networks on a success basis as directed by customer demand.

#### First Company to Install Cisco ONS 15600

Looking Glass was the first service provider to install the Cisco ONS 15600 Multiservice Switching Platform, which has been deployed in Chicago, Dallas, Los Angeles, New York and Washington, DC. This platform for the core switches scales up to a bandwidth equivalent to 128 OC-48 links using a combination of OC-48s and OC-192s in one-third of a traditional equipment rack. This increased capability helps to enable the company to continue offering record intervals for service turn-up.

"The Cisco solution brings scalable bandwidth management to Looking Glass' metro optical networks, while simplifying operations and increasing efficiency of high bandwidth services," said Refer. "In fact bandwidth demands in New York have necessitated installation of our second ONS 15600 in less than nine months."

Looking Glass has also recently been awarded Cisco Powered Network status. Looking Glass' participation in the Cisco Powered Network program demonstrates to individuals and businesses its ability to provide industry-leading services that are based on Cisco solutions. Looking Glass also benefits from its Cisco Powered Network designation through joint marketing and technology sharing activities with Cisco.

#### Record Service Turn Up

Looking Glass continues its efforts to reduce provisioning intervals with service delivery times for On-Net lit services currently averaging 3-4 business days. The company has turned up service in as little as two hours with many On-Net customers receiving service the same day.

"Despite the turbulent telecommunications environment, Looking Glass experiences continued growth," said Brian Van

Steen, Principal, PointEast Research. "The telecom landscape is constantly changing in ways that challenge the industry, and Looking Glass is adapting and expanding its network connectivity options to meet its customers' requirements. Owning its networks gives the company the ability to quickly meet these requirements," he added.

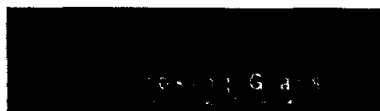
**About Looking Glass Networks**

Looking Glass Networks, Inc. provides rapid delivery of SONET/SDH, Wavelength and Ethernet-based lit services, high-capacity dark fiber and carrier-neutral collocation services in addition to custom design and build services for carrier and enterprise customers. A facilities-based company, Looking Glass builds, owns and operates metropolitan fiber optic networks using the most flexible optical and operational support systems available to provide telecommunication transport services in the largest U.S. metro areas. Looking Glass' physically diverse networks provide customers with connections to primary carrier hotels, ILEC Central Offices, key enterprise buildings and other major data aggregation facilities. With its unique protocol "agnostic" platform, Looking Glass delivers focused local network connectivity, flexible service options and fast delivery times to customers with significant bandwidth needs. For more information on Looking Glass Networks, visit [www.lglass.net](http://www.lglass.net).

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### Looking Glass Introduces Infrastructure Design and Construction Service

### Press

#### *New Service Augments Telecommunication Transport Products*

### News

**Oak Brook, IL - February 24, 2003 - Looking Glass Networks, Inc.**, a facilities-based provider of metropolitan telecommunication transport services, announced today that it has launched a fiber optic facility design and construction service. This service offers a turnkey solution to customers' facility engineering and construction needs by providing a team of metro building experts to handle every aspect of a project from start to finish.

### Events

### Careers Benefits

Taking the customer's project from concept to reality, the Looking Glass team not only designs and constructs scalable network facilities, but also manages staffing resources, obtains right-of-way and permit authorizations, and schedules all implementation activities to ensure on-time delivery of the facility.

### Newsletters

"Design and construction services are a natural extension of Looking Glass' existing product offering," said Stacy Jenkins, Sr. Vice President of Network Development, Looking Glass Networks. "We've built fiber infrastructure in hundreds of buildings for our own networks. Now, we are applying our design, construction and project management expertise to our customers' projects, offering them the same cost-effective and rapidly delivered results that we expect for our own projects."



From network architecture and systems integration to turn up and testing, customers can select the level of service that meets their requirements. The Looking Glass team responds with a customized design solution that is both cost-effective and scalable. With extensive prior experience designing and constructing network facilities, Looking Glass can respond to customer building needs both domestically and internationally.

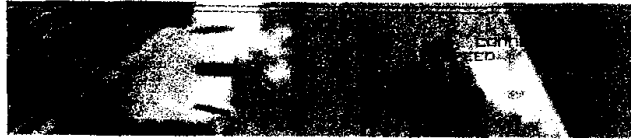
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### Looking Glass Networks Announces Successes in 2002; Expects Growth to Continue in 2003

*Full-service metro capabilities and industry-leading delivery times are key factors in generating repeat business*

**Oak Brook, IL - February 12, 2003 - Looking Glass Networks, Inc.**, a facilities-based provider of metropolitan telecommunication transport services, announced today that 2002 revenues exceeded projections by twenty-four percent and two markets turned cash flow break even. Now serving over 170 carrier and enterprise customers and providing connectivity to over 300 buildings in 12 markets, Looking Glass anticipates continued revenue growth and expects to turn all of its remaining networks operating cash flow break even in 2003.

Since turning up its networks a year ago, Looking Glass has steadily decreased already rapid provisioning cycles, gained customers, augmented services and expanded its footprint. Reporting unprecedented on-net provisioning times, averaging four days from order to delivery, Looking Glass captured repeat business from more than sixty percent of its customers in 2002. With the recent acquisition of Lightwave Communications, Looking Glass increased its product capability for lower speed services including DS-1's (1.55 Megabits per second) and added new metro networks in Baltimore and Philadelphia while extending its existing networks in New York, Northern NJ, Northern Virginia and Washington D.C. Further network expansion was achieved through the success-based purchase of strategic assets in the San Jose and Houston markets.

"With our networks and service delivery systems coming on-line at the end of 2001, our focus in 2002 was entirely on the needs of our customers," said Lynn Refer, CEO, Looking Glass Networks. "Our focused team worked very hard to achieve excellent delivery results and create momentum. We are in a great position to continue delivering high quality, cost effective solutions and expect to continue winning repeat business and penetrating new accounts."

In addition, Looking Glass will continue offering Fiber Optic Facility Design and Construction services in 2003 to complement its existing Lit Bandwidth, Dark Fiber and Collocation service offerings. Looking Glass' extensive prior experience designing and constructing network facilities, both domestically and internationally, was key to a very successful program of assisting carrier and enterprise customers expand their private networks in 2002. In addition to leveraging Looking Glass' dark fiber backbones, customers can access a multitude of services from network architecture and systems integration to turn-up and testing.

"By concentrating our efforts on what we do best, designing, building and delivering metro area networks and services, customers have confidence in our ability to get the job done on time and at an attractive price point," said Refer. "Our long-term commitment to the metro market allows us to also offer service efficiencies and delivery intervals that are unparalleled in the industry."

#### About Looking Glass Networks

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### Cogent Communications and Looking Glass Networks Sign Multimillion Dollar

*20-year contract expands Cogent's footprint in nine major metro areas*

**Oak Brook, IL - August 21, 2002 - Looking Glass Networks<sup>SM</sup> Inc.**, a facilities-based provider of metropolitan data transport services, has announced a contract valued at over ten million dollars with Cogent Communications (AMEX: COI), a next generation optical Internet service provider, to build dark fiber networks to be lit by Cogent in nine metro markets and provide connectivity to over 100 key enterprise buildings in those cities. Looking Glass will expedite the delivery of Cogent's affordable, ultra-high speed Internet access and transport services to meet growing demand in Atlanta, Chicago, Dallas, Houston, Los Angeles, New York City, San Francisco, Seattle and Washington, D.C. Demand for Cogent's service has exceeded expectations, hence Cogent has increased the scope of the original contract, signed in December 2001. Combining dark fiber from Looking Glass' backbone with specialized lateral connections, Cogent will increase its connectivity and extend its reach to new buildings in nine markets by the end of the year.



"Looking Glass' proven experience, existing network footprint, and ability to rapidly connect to Cogent's desired locations are all key factors in our decision to expand our relationship with Looking Glass as a dark fiber metro network provider in several markets," said Dave Schaeffer, CEO, Cogent Communications. "Looking Glass has exceeded our expectations by beating delivery dates, thereby enabling Cogent to roll out service faster to more customers in some of our largest markets."

"Our association with a quality ISP like Cogent further illustrates the value of Looking Glass' flexible service offering," said Lynn Refer, CEO, Looking Glass Networks. "Our ability to meet the needs of customers like Cogent for dark fiber benefits not only our customers but their end users as well. With an experienced team and proven on-time project delivery, we provide our customers with the security they need in a metro service provider, particularly in today's turbulent market."

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